KRESTOVNIKOVA, T.S., mladshiy nauchnyy sotrudnik

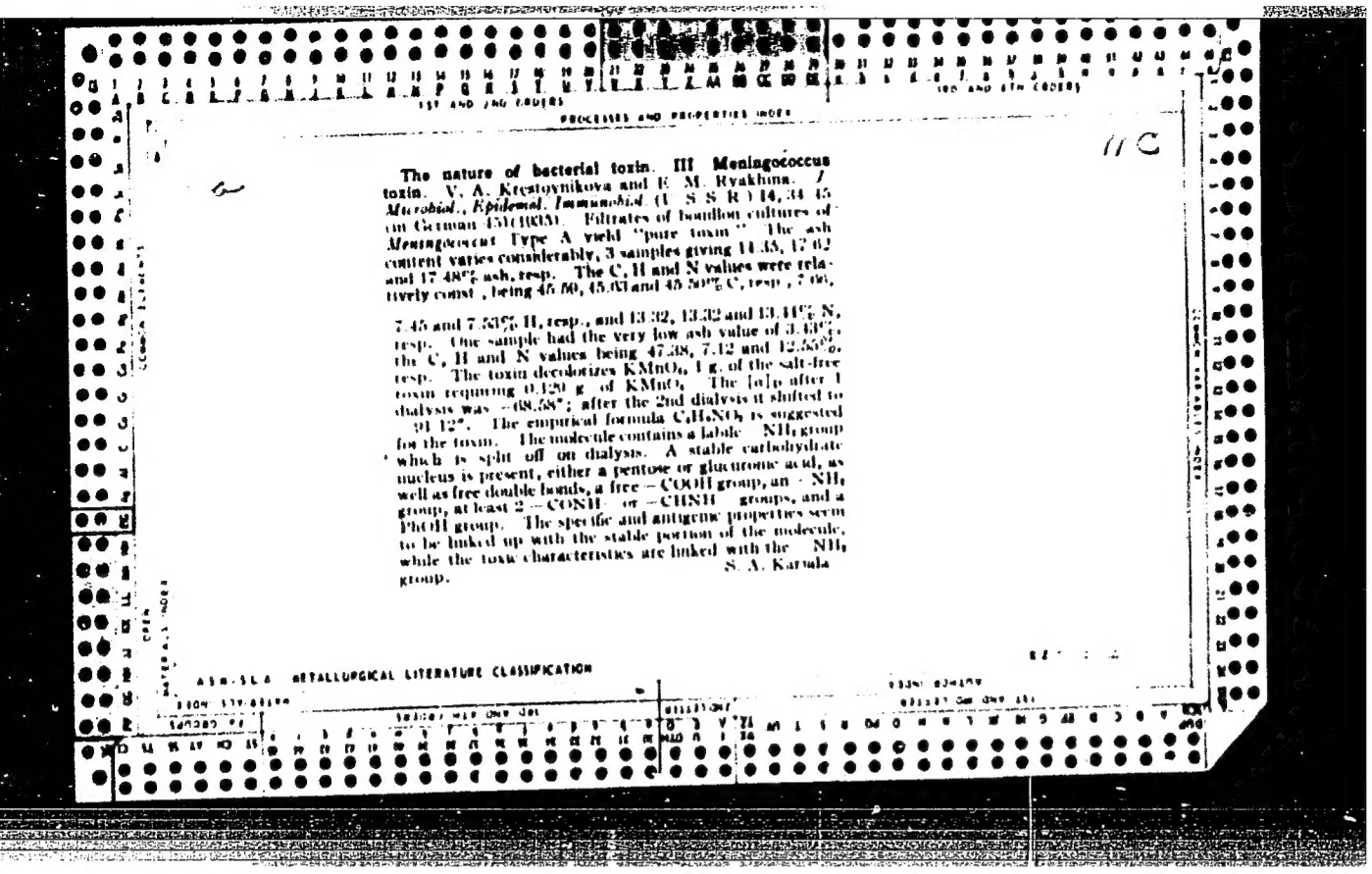
Surgical treatment of "sand-clock" type tumors in the spinal cord. Trudy mol. nauch. sotr. MONIKI no.1:35-38 '59
(MIRA 16:11)

1. Iz enyrokhirurgicheskogo otdeleniya 2-oy khirurgicheskoy kliniki Moskovskogo oblastnogo nauchno-issledovatel'skogo klinicheskogo instituta imeni Vladimirskogo.

*

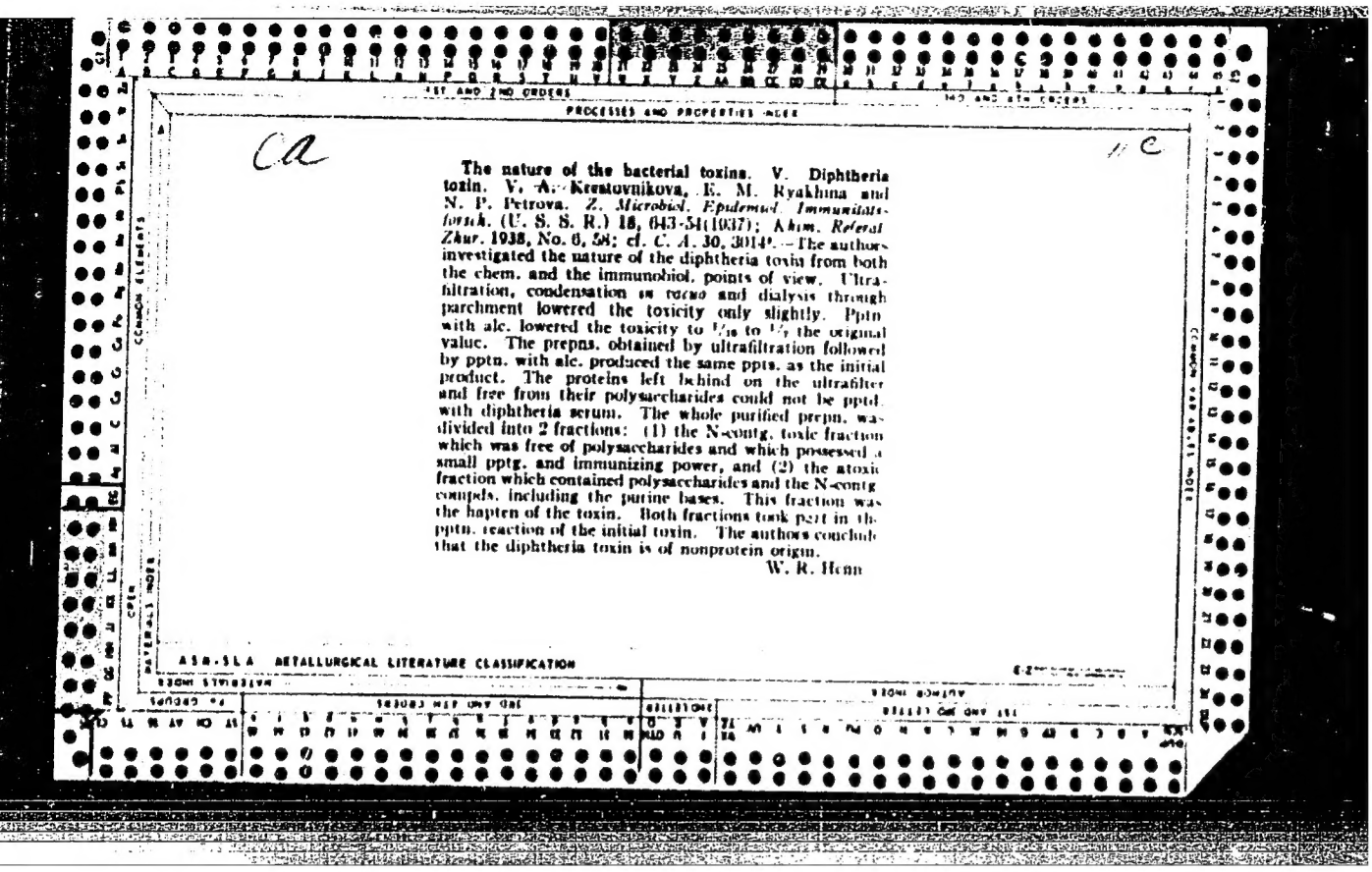
KRASTOVNIKOVA, V. A., A. I. SHIKIN, AND YE. N. RYABININA

"A Contribution to the Question of the Nature of Flocculation," Zhurn. mikrobiol. i immun., XIII, 1, 99, 1934



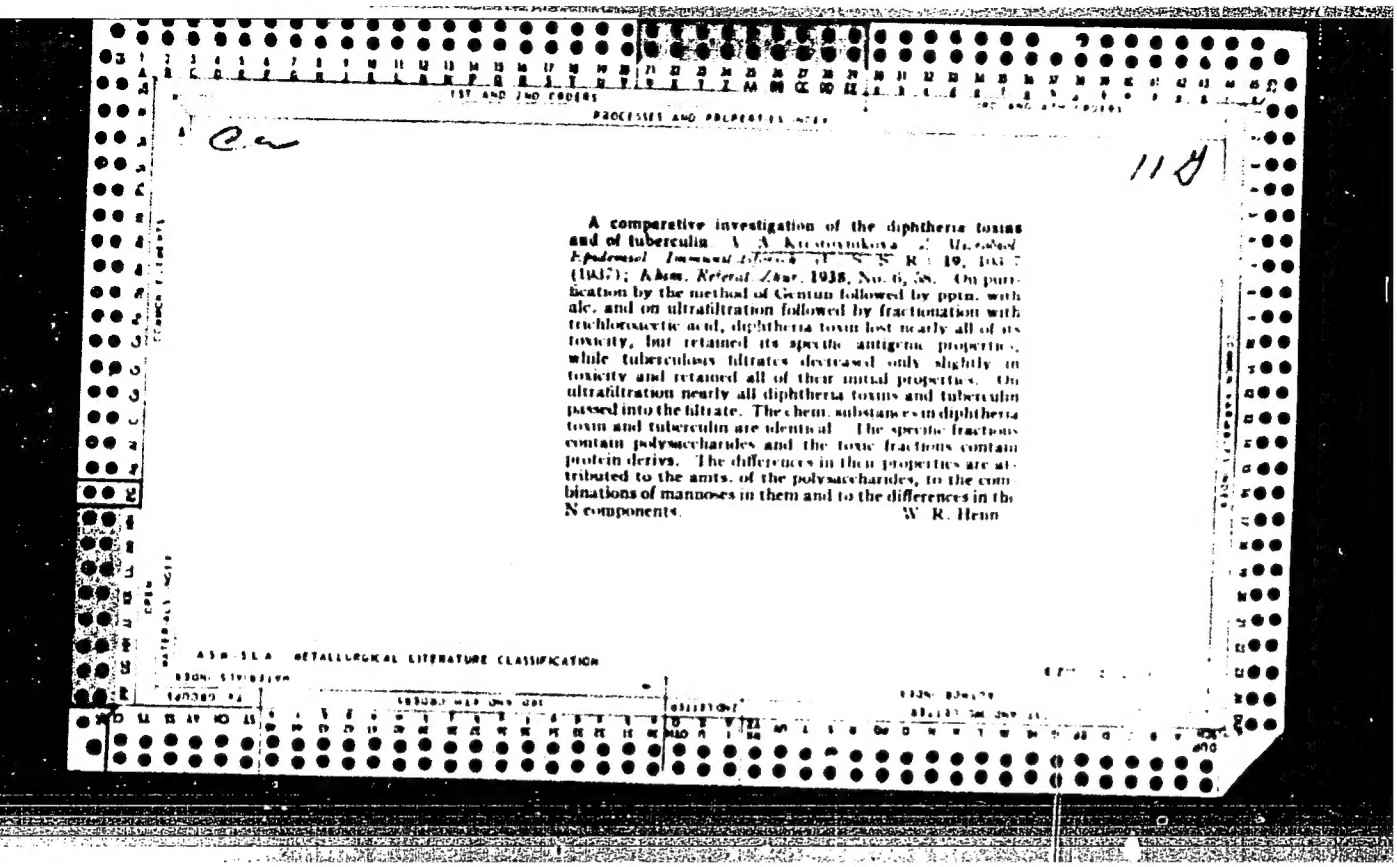
The nature of bacterial toxin. III Meningococcus toxin. V. A. Krestovnikova and E. M. Ryakhina. *J. Microbiol., Epidemiol. Immunobiol.* (U.S.S.R.) 14, 34-45 (in German 45)(1953). Filtrates of bouillon cultures of *Meningococcus* Type A yield "pure toxin." The ash content varies considerably, 3 samples giving 14.45, 17.62 and 17.48% ash, resp. The C, H and N values were relatively const., being 45.50, 45.03 and 45.50% C, resp., 7.06, 7.45 and 7.55% H, resp., and 13.32, 13.32 and 13.44% N, resp. One sample had the very low ash value of 3.40%; the C, H and N values being 47.38, 7.12 and 12.55%, resp. The toxin decolorizes $KMnO_4$, 1 g. of the salt-free toxin requiring 0.120 g. of $KMnO_4$. The $[\alpha]_D$ after 1 dialysis was −68.58°; after the 2nd dialysis it shifted to −91.12°. The empirical formula $C_{11}H_{19}NO_9$ is suggested for the toxin. The molecule contains a labile NH_2 group which is split off on dialysis. A stable carbohydrate nucleus is present, either a pentose or glucuronic acid, as well as free double bonds, a free −COOH group, an $-NH_2$ group, at least 2 −CONH− or −CHSH− groups, and a PhOH group. The specific and antigenic properties seem to be linked up with the stable portion of the molecule, while the toxic characteristics are linked with the NH_2 group.

S. A. Karnala

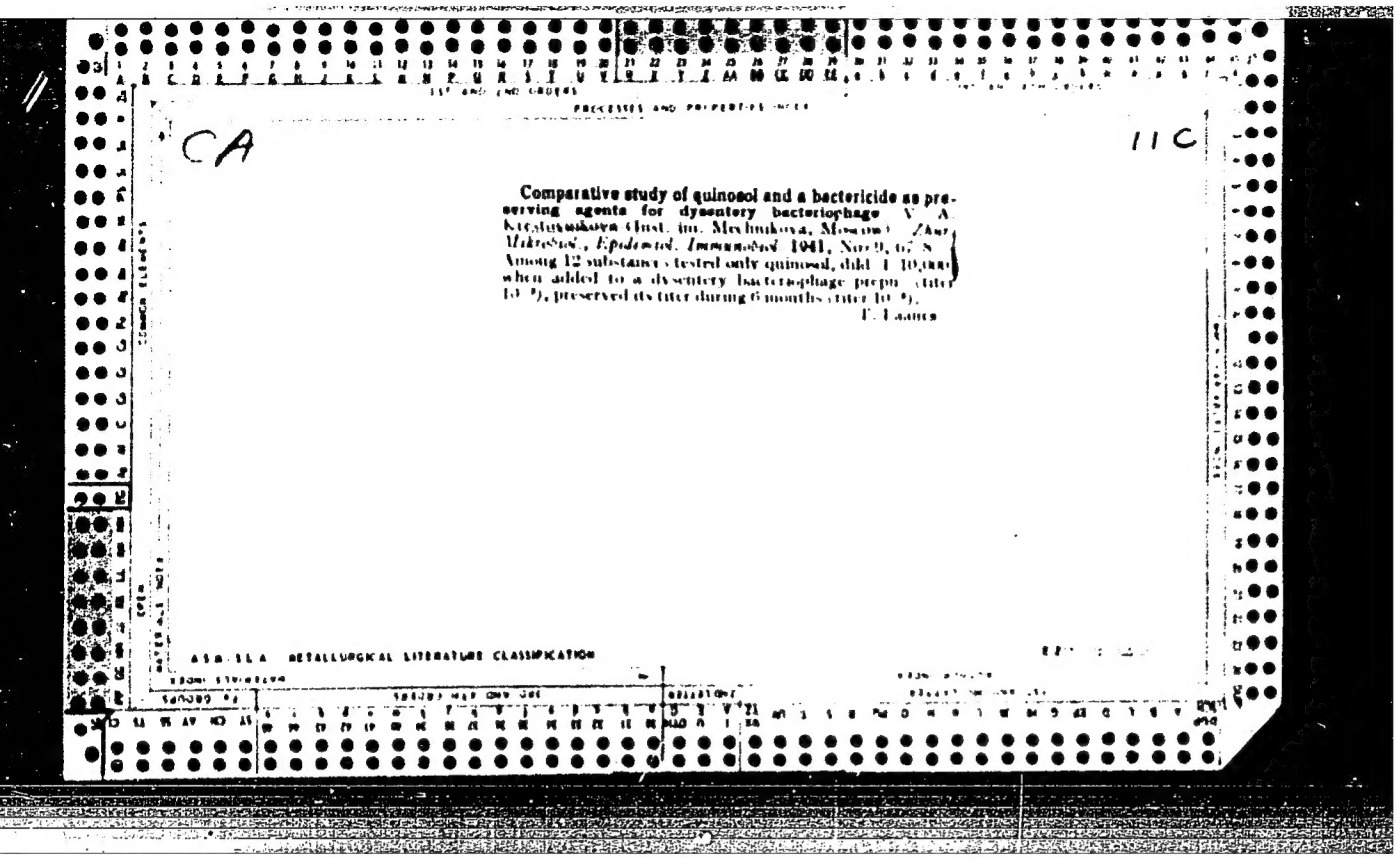


The nature of the bacterial toxins. V. Diphtheria toxin. V. A. Krestovnikova, E. M. Ryakhina and N. P. Petrova. *Z. Microbiol. Epidemiol. Immunitätsforsch.* (U. S. S. R.) 18, 643-54(1937); *Khim. Referat Zhur.* 1938, No. 6, 58; cf. *C. A.* 30, 3014⁹.—The authors investigated the nature of the diphtheria toxin from both the chem. and the immunobiol. points of view. Ultrafiltration, condensation *in vacuo* and dialysis through parchment lowered the toxicity only slightly. Pptn. with alc. lowered the toxicity to 1/10 to 1/2 the original value. The prepns. obtained by ultrafiltration followed by pptn. with alc. produced the same ppts. as the initial product. The proteins left behind on the ultrafilter and free from their polysaccharides could not be pptd. with diphtheria serum. The whole purified prepn. was divided into 2 fractions: (1) the N-contg. toxic fraction which was free of polysaccharides and which possessed a small pptg. and immunizing power, and (2) the atoxic fraction which contained polysaccharides and the N-contg. compds. including the purine bases. This fraction was the hapten of the toxin. Both fractions took part in the pptn. reaction of the initial toxin. The authors conclude that the diphtheria toxin is of nonprotein origin.

W. R. Henn



A comparative investigation of the diphtheria toxins and of tuberculin. V. A. Kravtsovnikova. *Epidemiol. Immunol. Zhur.* 1938, No. 6, 38. On purification by the method of Centun followed by pptn. with alc. and on ultrafiltration followed by fractionation with trichloroacetic acid, diphtheria toxin lost nearly all of its toxicity, but retained its specific antigenic properties, while tuberculous filtrates decreased only slightly in toxicity and retained all of their initial properties. On ultrafiltration nearly all diphtheria toxins and tuberculin passed into the filtrate. The chem. substances in diphtheria toxin and tuberculin are identical. The specific fractions contain polysaccharides and the toxic fractions contain protein derivs. The differences in their properties are attributed to the amts. of the polysaccharides, to the combinations of mannoses in them and to the differences in the N components. W. R. Henn



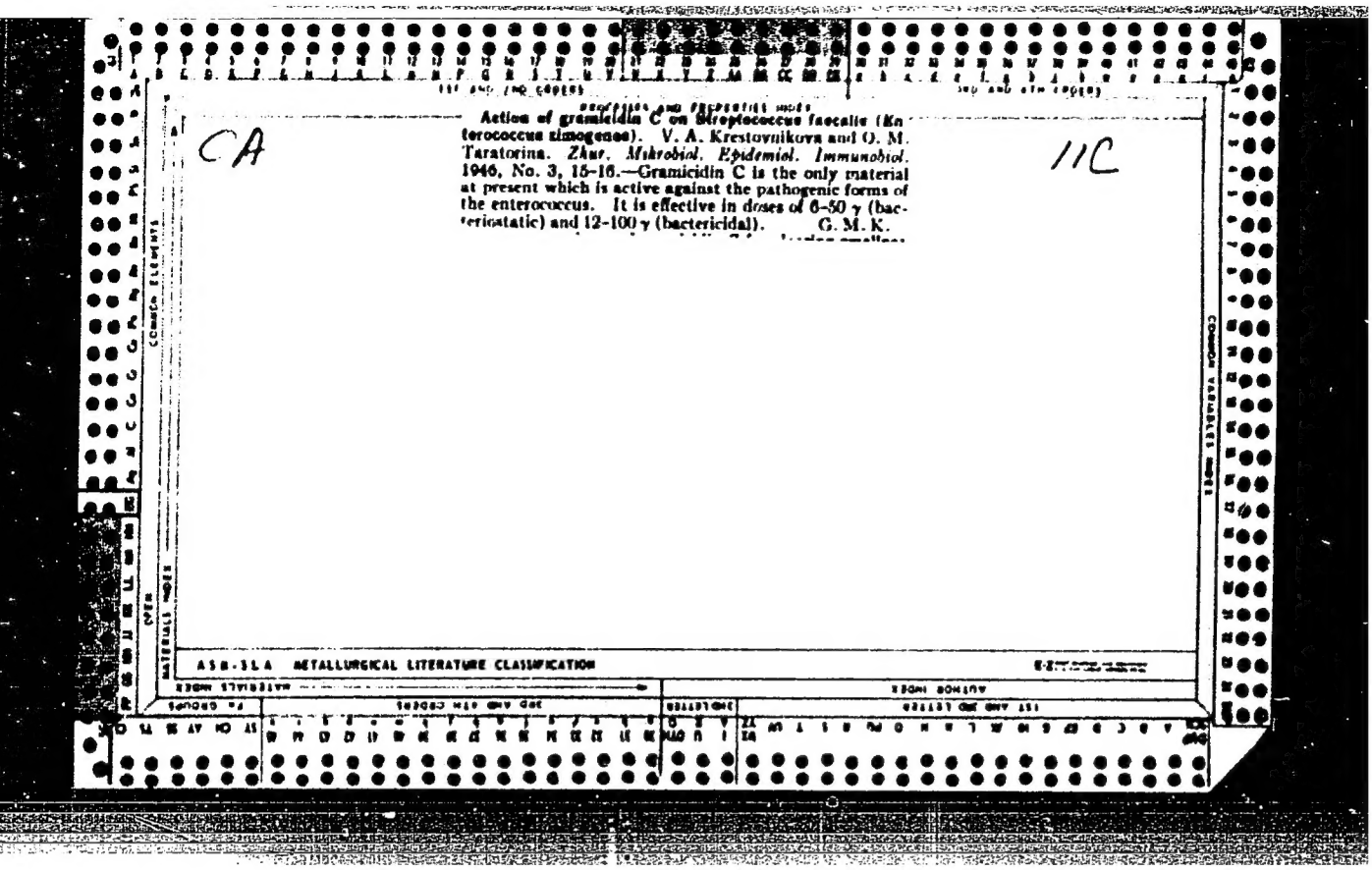
CA

11C

Comparative study of quinosol and a bactericide as preserving agents for dysentery bacteriophage V. A. Kuzelyumskaya (Inst. im. Mechnikova, Moscow). *Zh. Mikrobiol., Epidemiol. Immunobiol.* 1941, No. 9, 67–8. Among 12 substances tested only quinosol, did 1:10,000 when added to a dysentery bacteriophage prepn. (titer 10^{-9}), preserved its titer during 6 months (titer 10^{-9}).

F. Lasnitzki

A.S.M.-S.L.A. METALLURGICAL LITERATURE CLASSIFICATION



CA

11C

Action of gramicidin C on Streptococcus faecalis (Enterococcus zimogenes). V. A. Krestovnikova and O. M. Taratorina. *Zhur. Mikrobiol. Epidemiol. Immunobiol.* 1946, No. 3, 15–16.—Gramicidin C is the only material at present which is active against the pathogenic forms of the enterococcus. It is effective in doses of 6–50 γ (bacteriostatic) and 12–100 γ (bactericidal). G. M. K.

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

KRASTOVSKAYA, V. A., G. M. SARAYCHIK, AND A. N. [illegible]

"The Influence of Bacteriophage on the Durand-Reynals Factory of Pathogenic Microbes," ZHMEI, 9, 71-78, 1946

KRESTOVNIKOVA, V. A., Prof

USSR/Medicine - Bacteriophage Nov 1947
Medicine - Prophylaxis

"Phagotherapy and Phagoprophylaxis and Their Basis in the Work of Soviet Researchers," Prof V. A. Krestovnikova, Moscow Oblast, Institute of Epidemiology, Microbiology and Infectious Diseases, imeni Mechnikov, 10 pp

"Zhur Mikrobiol, Epidemiol i Immunobiol" No 11

A brief summary is given of work on bacteriophage in Russia since articles first appeared on the subject in Russian journals in 1922. Experiments in the prophylactic use of bacteriophage in dysentery cases in human beings are discussed at length. Some work has also been done in using bacteriophage as a prophylaxis against typhoid fever, pyogenic and anaerobic infections.

57

KRESTOVNIKOVA, V.A.

Krestovnikova, V. A., Tarasorina, O. M. and Goreyko, V.F. "On the problem of the etiology of contagious-toxic illnesses of newborns," Trudy VI Vsesoyuz. s'yezda det. vrachey, posvyashch. pamyati prof. Filatova, Moscow, 1948, p. 1-0-86

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 2, 1949)

KHEYFETS, V. I.

"A Contribution to the Question of the Exotoxins and Endotoxins and Pathogenic Microbes," ZHMEI, 7, 25-2[illegible], 1948

1. KR'ST'NIKOVA, V. A.

2. USSR (60)

7. K Ucheniyu o Stadiyakh Razvitiya Mikroorganizmov (Concerning the [illegible] Relative to Stages of the Development of Microorganisms), Moscow, 1950.

9. Mikrobiologiya, Vol XXI, Issue 1, Moscow, Jan-Feb 1952, pp 121-135. Unclassified.

KRESTOVNIKOVA, V.A.; ZHURBINA, V.I.; IZMEYLOVA, N.B.

Nature of bacteriophage. Mikrobiologiia, Moskva 21 no. 6:721-734 Nov-Dec 1952 (CIML 23:3)

1. Institute of Microbiology, Epidemiology, and Infectious Diseases imeni Mechnikov, Moscow.

KRESTOVNIKOVA, V. A.

[Problems of epidemology, prophylaxis, and clinical treatment of intestinal infections] Voprosy epidemiologii, profilaktiki i kliniki kishechnykh infektsii. Moskva, Medgiz, 1954. 269 p.
(Intestines—Diseases)
(MLRA 8:2)

KRESTOVNIKOVA, V. A.

Country: USSR
Category: Virology. Bacterial Viruses (Phages) E

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103477

Author : Krestovnikova, V.A.
Inst :-
Title : The Problem of the Nature and Antigenic Structure of Typhoid Bacteriophage.

Orig Pub: Sb. Bakteriofagiya. Tbilisi. Gruzmedgiz, 1957, 47-59.

Abstract: The ideas existing at the present time concerning the nature of phage are, in the author's opinion, only working hypotheses which require further experimental confirmation. Although phages possess many properties characteristic of viruses, there are a number of factors

Card : 1/3

Country : USSR
Category: Virology. Bacterial Viruses (Phages) E

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103473

which contradict the idea of parasitism: 1) the extensive, and possibly universal, existence of the phenomenon of lysogenesis among bacteria; 2) the incorporation of only the phage DNA into the microbial cell during phage infection, and 3) the opinion of certain authors that phage has its origin from the microbial cell, which has been formed on the basis of the data of electron microscopy. The author considers the phage to be alive but closely associated with the microbial cell in its origin. At the same time, the phage is not a filtrable bacterial form (no one has shown the return of the phage particle to the vegetative form). The author presents his own experimental data concerning the antigenic structure of the typhoid

Card : 2/3

Country : USSR
Category: Virology. Bacterial Viruses (Phages) E

Abs Jour: Ref Zhur-Biol., No 23, 1958, 103473

phage. These phages, which possess different serological activities, lyse cultures of different phagotypes. The Vi-culture phages are able to adsorb antiphagins to phages of different serological types regardless of their phagotype classification. The typhoid Vi-cultures extract the antiphagins completely from the Vi-antiphage sera and partly from the O-antiphage sera. The O-cultures are only antiphagins from O-antiphage sera. Ya. I. Rautenshteyn.

Card : 3/3

MESHALOVA, A.N., red.; KRESTOVNIKOVA, V.A., red.; VYGODCHIKOV, G.V., red.; SMIRNOV, Z., red.; KLEUSOVA, A., tekhn. red.

[Transactions of the Scientific Conference on the Use of Polyvalent Vaccines] Sbornik trudov Nauchnoi konferentsii po probleme assotsiirovannoi vaktsinatsii, 1958. Moskva, Biuro nauchnoi informatsii, 1959. 253 p. (MIRA 16:5)

1. Nauchnaya konferentsiya po probleme assotsiirovannoy vaktsinatsii, 1958. 2. Glavnoye upravleniye institutov vaktsin i syvorotok Ministerstva zdravookhraneniya SSSR (for Meshalova).
(Vaccination—Congresses)

KRESTOVNIKOVA, V.A.

Skin test with Salmonella typhosa endotoxin as an index of immunity to typhoid infection. Zhur.mikrobiol.epid. i immun. 30 no.4:58-61 Ap '59. (MIRA 12:6)

1. Iz Moskovskogo instituta vaktsin i syvorotok imeni Mechnikova.
(TYPHOID FEVER, immunol.
skin endotoxin test (Rus))

KHRESTOVNIKOVA, Varvara Antonovna

[Microbiological study of cancer] Mikrobiologicheskoe izuchenie rakovykh opukholei. Moskva, Medgiz, 1960. 186 p.
(CANCER) (MIRA 13:12)

KRESTOVNIKOVA, V.A.; ZHURBINA, V.I.

Flocculation reaction as a method for determination of complete antigens of microbes of the intestinal group in the NIISI polyvaccine. Zhur.mikrobiol.epid.i immun. 31 no.8:96-101 Ag '60. (MIRA 14:6)

1. Iz Moskovskogo instituta vaktsin i syvorotok imeni Mechnikova.
(VACCINES) (INTESTINES--MICROBIOLOGY)

KRESTOVSKAYA, I.I., inzh.

Drying clover, alfalfa, and timothy grass seeds in mechanized grain dryers. Zemledelie 8 no.9:43-47 S '60. (MIRA 13:8)

1. Moskovskaya sel'skokhozyaystvennaya akademiya im. K.A.Timiryazeva.
(Seeds--Drying)

KRESTOVSKIY, [illegible]. (Kiyev)

Wings of the Ukraine. Grazhd.av. 18 no.5:6-7 My '61.
(MIRA 14:5)
(Ukraine--Aeronautics, Commericial--Periodicals)

ARTYUSHIN, A.A., student; TSFAS, B.S., dotsent, nauchnyy rukovoditel' raboty; KRESTOVSKIY, I.A., starshiy prepodavatel', nauchnyy rukovoditel' raboty

Volume of a fluid in a cylindrical horizontally laying tank with spherical bottoms in case of a partial filling of the tank with fluid. Sbor.dokl.Stud.nauch.ob-va Fak.mekh.sel'. Kuib.sel'khoz.inst. no.1:8-16 '62. (MIRA 17:5)

1. Kuybyshevskiy sel'skokhozyaystvennyy institut.

KRESTOVSKIY, I.

Over the mountains of Yugoslavia. Kryl rod. 15 no.10:6-7 O '64
(MIRA 18:1)

VOL'FTSUN, I.B.; KRESTOVSKIY, O.I.

Experimental study of the transformation of snow-water runoff by large depressions in the gullies of the Valday Hydrological Scientific Research Laboratory. Trudy GGI no.76:56-66 '60. (MIRA 13:6)

(Runoff)

KRESTOVSKIY, O.I.

Base flow of small watercourses during the spring flood period. Trudy GGI no.81:27-48 '60. (MIRA 14:1)
(Valdai Hills—Water, Underground)
(Floods)

KRESTOVSKIY, O.I.

Losses of water by evaporation from drainage basins during the spring flood period. Trudy OGI no.81:55-64 '60. (MIRA 14:1)
(Valdai Hills—Evaporation)
(Thawing)

VOL'FTSUN, I.B.; KRESTOVSKIY, O.I.

Disastrous storm flood in the Valdai. Meteor. i gidrol. no.1: 40-43 Ja '61. (MIRA 14:1)
(Polomet' Valley--Floods)

KRESTOVSKIY, O.I.

Water balance of small basins during spring floods. Trudy GGI no.95:101-156 '62. (MIRA 15:6)
(Valdai Hills--Hydrology)

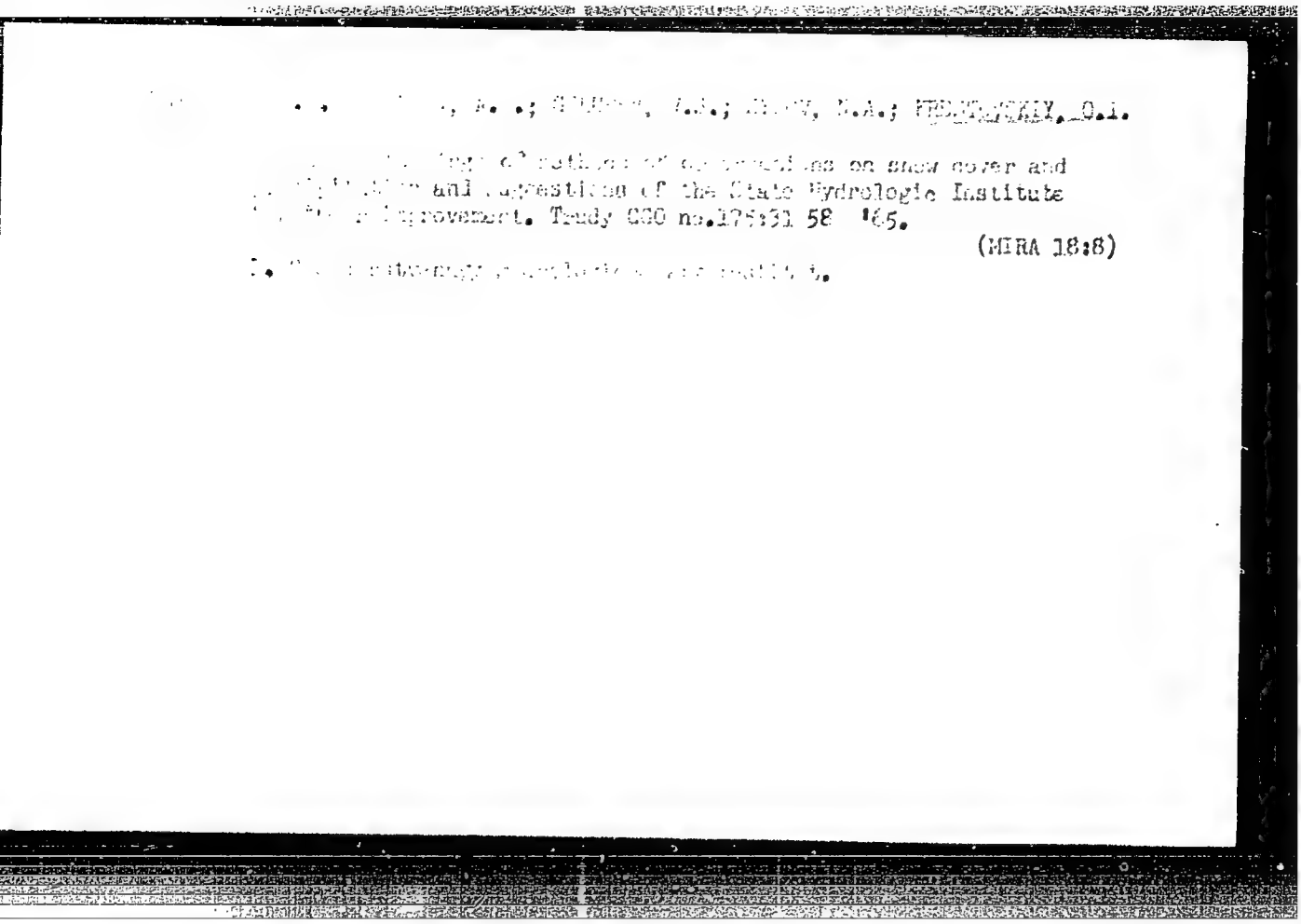
KRESTOVSKIY, O.I.

Study of the regularity of the formation of spring floods in the forest zone. Trudy GGI no.109:57-84 '64.

[redacted]

In the course of calculating the water balance of river basins in [illegible] of excess moisture. Trudy GGI no.123:15-21 '65.

(MIRA 19:10)



KNESKOVSKIY, S., dotsent

Life of the IAK-1F should be prolonged. Kryl.rod. 12 no.11:24-26 N '61. (MIRA 14:11)

1. Kazanskiy aviatsionnyy institut.
(Airplanes--Maintenance and repair)

BORONIN, Ye., inzh.; KRESTOVSKIY, S., inzh.

"Chaika" and "Neva" pocket radios. Radio no.5:32-33 My '61.
(MIRA 14:7)
(Transistor radios)

BORONIN, Ye., inzh.; KRESTOVSKIY, S., inzh.

Tuning of the "Chaika" and Neva" pocket radio receivers. Radio no.6:36-37 Je '61. (MIRA 14:10)
(Transistor radios)

KREST'YANINOV, S.I., inzh.

Use of prefabricated concrete structures for the foundation of 100 mw. turbogenerators. Energ. stroi. no.33:26-32 '63.
(MIRA 17:8)

1. Stroitel'noye upravleniye Pribaltiyskoy gosudarstvennoy rayonnoy elektrostantsii.

KREST'YANINOV, V.

Count, search and economize. Sov. profsoiuzy 18 no.21:4-6 N '62. (MIRA 15:11)

1. Predsedatel' Moskovskogo gorodskogo soveta professional'nykh soyuzov.
(Moscow--Industrial management)
(Trade unions)

KREST'YANINOV, V.

Standard bearers of the communist labor movement. Sots. trud 8 no.6: 3-9 Je '63. (MIRA 16:9)

1. Predsedatel' Moskovskogo gorodskogo soveta professional'nykh soyuzov, predsedatel' Verkhovnogo Soveta RSFSR.
(Moscow--Socialist competition)

KREST'YANINOV, V.

Trade-unions and the development of innovations. Izobr. i rats. no.6:1-2, 21 '63. (MIRA 16:8)

1. Chlen Prezidiuma Vsesoyuznogo tsentral'nogo soveta professional'nykh soyuzov, predsedatel' Moskovskogo gorodskogo soveta professional'nykh soyuzov.

TISHKOV, Yu.Ya.; KREST'YANINOV, V.F.; GUBA, P.L.; PRIBYTKOV, A.Ye.; YEVTYUTOV, P.A.

Using new technological processes. NTO 5 no.1:29 Ja '63. (MIRA 16:5)
(Zlatoust—Iron and steel plants)

TISHKOV, Yu.Ya.; KREST'YANINOV, V.F.; VASILEVSKIY, P.A.

Rammed hearth of a 190-ton furnace. Metallurg 8 no.5:13-15 My '63. (MIRA 16:7)

(Open-hearth furnaces--Maintenance and repair)

KRESTOVSKII, V. A.

Provolochnaia sviaz' rechnogo transporta. [Wire communications on inland waterways]. (Vodnyi transport, 1937, no. 4, p. 43-44;diagrs). DLC: HE561.R8

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

KRESTOVSKIY, V.A., inzhener.

How the first Soviet automatic telephone ten-step system was made. Vest. sviazi 17 no.7:13-14 Jl '57. (MLRA 10:8)
(Telephone, Automatic)

KRESTOVSKIY, V.V.

Method of resecting the rectum; replacement of the removed portion of the skin. Khirurgiia no.3:57-60 Mr '54. (MLRA 7:5)

1. Glavnyi khirurg Pskovskoy oblasti.
(RECTUM, surgery,
excis., plastic form. of cutaneous pocket for feces)

KRESTOVSKIY, V.V.

KRESTOVSKIY, V.V.

Letter to the editor of "Vestnik khirurgii" concerning G... Semenkov's article. Vest.khir. 78 no.4:141-142 Ap '57.
(INTESTINES--SURGERY) (M... ...)

USSR/ Physics - Metal erosion

Card 1/1 Pub. 43 - 22/97

Authors : Raykhbaum, Ya. D., and Krestyaninov, A. G.

Title : Electrical erosion of metal in a spark discharge

Periodical : Izv. AN SSSR. Ser. fiz. 18/2, page 258, Mar-Apr 1954

Abstract : The results obtained in studying the diffusion processes of different metals in a spark discharge are briefly described. The metals investigated are divided into the following series according to the magnitude of their erosion in a spark discharge: Bi, Pb, Tl, Sn, Cd, Au, Ga, Zn, Pt, Ag, Cu, W, Fe, Ni, Mo, Al, Be with Bi having maximum and Be minimum erosion. A calculation of the coefficients of linear correlation between the erosion magnitude and the basic thermal constants showed that maximum correlation exists between the difference of the heat content of the solid and gaseous phases of the metal and the characteristic temperature of the metal. The effect of metal oxidation on the erosion magnitude in a spark discharge was not observed.

Institution : .....

Submitted : .....

8(0)

SOV/112-59-1-986

Translation from: Referativnyy zhurnal. Elektrotekhnika, 1959, Nr 1, p 131 (USSR)

AUTHOR: Krest'yaninov, A. G., Vedyayev, Yu. M., and Nizhegorodtsev, N. N.

TITLE: Electrical Pickup for Short-Delay Blasting

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 11, pp 26-28

ABSTRACT: Delaying the action of an electric detonator can be achieved by a thyratron timer associated with a chargeable capacitor. The charging time can be adjusted within 0.01 - 0.07 sec by 7 series-connected resistors. The pickup is AC supplied at 120 or 220 v, 70 w; its dimensions are 25 x 35 x 15 cm, weight 4 kg. The pickup circuit diagram is presented, as well as the method for, and results of its calibration and checking. The operating error found by tests is ± 10%. In open-pit work, the blasted area was increased from 2.5 to 5 m, unsuitable-size pieces were cut to one-half, explosive consumption was reduced, and safety increased.

G.I.S.

Card 1/1

BUTZE, Herbert; KREST'YANINOV, R.A. [translator]; CHIZHOV, N.N., redaktor; KOSHELEVA, E.M., tekhnicheskiy redaktor

[In the twilight of tropical forests; nature, people, economy. Translated from the German] V sumrake tropicheskogo lesa; priroda, liudi, khoziaistvo. Perevod s nemetskogo R.A.Krest'ianinova. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 307 p. (MLRA 10:1)
(Tropics)

KREST'YANINOV, V.

New objectives and new demands. Okhr. truda i sots. strakh. 4 no.10:21-22 O '61. (MIRA 14:12)

1. Predsedatel' komissii zakonodatel'nykh predpolozheniy Verkhovnogo Soveta RSFSR, presedatel' Moskovskogo gorodskogo soveta professional'nykh soyuzov.
(Labor courts)

KRIST'YANINOV, V.

Concern for the younger reinforcements. Prof. tekh. obr. 21 no.6: 3-4 Je '64. (MIRA 17:9)

1. Predsedatel' Moskovskogo gorodskogo soveta professional'nykh soyuzov.

KREST'YANINOV, V.D. [deceased]

Biology of the lake frog (Rana ridibunda Pall.) and its importance in pond fish culture. Trudy Inst.zool.i paraz.AN Uz.SSR 5:3-46 '56.
(MLRA 10:5)

(Sredne-Chirchikskiy District--Frogs)(Fish culture)

KONSTANTINOV, V. I.

Building Trades - Moscow

Holiday of the builders of the capital. Gor. khoz. Mosk. 26, No. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 1952 1953, Uncl.

KREST'YANINOV, V.

Propaganda should have closer contact with life. Sov.profsoiuzy 4 no.6:30-34 Je '56. (MLRA 9:8)

1. Predsedatel' Moskovskogo oblastnogo soveta profsoyuzov.
(Moscow Province--Communist education)

KREST'YANINOV, Vasiliy Ivanovich; MAKAROVA, E.A., red.; SHADRINA, N.D., tekhn.red.

[For thee, Motherland] Tebe, Rodina. Izd-vo VTsSPS Profizdat, 1959. 38 p. (MIRA 12:4)

1. Predsedatel' Moskovskogo gorodskogo soveta professional'nykh soyuzov (for Krest'yaninov).
(Moscow--Efficiency, Industrial)

KREST'YANINOV, V.I.

Contribution of the workers of Moscow to the Twenty-first Congress of the CPSU. Sov.profsoiuzy no.2:8-11 Ja '59. (MIRA 12:3)

1. Predsedatel' Moskovskogo gorodskogo soveta professional'nykh soyuzov.
(Moscow--Efficiency, Industrial)

KREST'YANINOV, V.

Influential factor in the enterprises. Sov.profsoiuzy 7 no.24:15-17 D '59. (MIRA 12:12)

1. Predsedatel' Moskovskogo gorodskogo soveta profsoyuzov.
(Moscow--Trade unions)

USTINOV, V.; BOBROVNIKOV, N.; PETUKHOV, K.; KREST'YANINOV, V.; SOSIN, A.

Moscow workers kept their promise in an honorable manner. Gor. khoz.Mosk. 34 no.1:1-3 Ja '60. (MIRA 13:5)

1. Sekretar' Moskovskogo gorodskogo komiteta Kommunisticheskoy partii Sovetskogo Soyuza (for Ustinov). 2. Predsedatel' ispolkoma Mossoveta (for Bobrovnikov). 3. Predsedatel' Mosgorsovnarkhoza (for Petukhov). 4. Predsedatel' Moskovskogo gorodskogo soveta profsoyuzov (for Krest'yaninov). 5. Sekretar' Moskovskogo gorodskogo komiteta Vsesoyuznogo Leninskogo kommunisticheskogo soyuza molodezhi (for Sosin).
(Moscow--Municipal services) (Moscow--Building)

KREST'YANINOV, V.

The competition of the communist labor shock workers and communist labor brigades is a great movement of modern times. Sots. trud 6 no.11:46-52 N '61. (MIRA 14:11)

1. Predsedatel' Moskovskogo gorodskogo soveta profsoyuzov.
(Moscow Province--Socialist competition)

KREST'YANINOV, V.

Increase the scope of precongress competition. Sov. prof-soiuzy 17 no.8:23-25 Ap '61. (MIRA 14:3)

1. Predsedatel' Moskovskogo gorodskogo soveta profsoyuzov.
(Moscow--Socialist competition)
(Moscow--Trade unions)

KREST'YANINOV, V.

Moscow is ready to welcome her guests. Sov. profsoiuzy 17 no.23:8-10 D '61. (MIRA 14:12)

1. Predsedatel' Moskovskogo gorodskogo soveta profsoyuzov.
(Trade unions--Congresses)
(Moscow--Description) (Moscow--Trade unions)

KREST'YANINOV, V.; FOMINOV, A.

Let's glance at the tomorrow: study of the trade network of the greater Moscow. Sov. torg. 35 no.2:28-36 F '61. (MIRA 14:3)
(Moscow region—Retail trade)

SEMOV, P.I., dotsent, kandidat tekhnicheskikh nauk; KUVARZIN, I.N.; KRESTYANINOV, V.V., dotsent, kandidat tekhnicheskikh nauk, redaktor; MIKITINA, V.M., tekhnicheskiy redaktor.

[Non-metal aviation materials] Aviatsionnye nemetallicheskie materialy. Leningrad, Leningradskaia krasnoznamennaia voenno-vozdushnaia inzhenernaia akademiia, 1950. 239 p. (MLRA 8:5)
(Airplanes--Materials)

USSR/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M

Abs Jour : Ref Zhur Biol., No 12, 1958, 53715

Author : Krest'yaninova, A.
Inst :
Title : Small Doses of Granular Superphosphate and Azotobacterin under Flax

Orig Pub : Len i konoplya, 1957, No 12, 15-17

Abstract : In the field experiments conducted during 1948-1955 on the student farm of the Gor'kov Institute of Agriculture on light-gray forest-steppe soils, granular superphosphate applied in small doses (P5-7) with the seeds, raised the yield of straw and seeds and increased the yield and the grade of the fibers. In seed growing sowings, the rate of simultaneously applying granular superphosphate with the seeds was somewhat smaller (P 3-5). Simultaneous application of azotobacterin and of manufactured granular superphosphate with the seeds did not increase

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USSR/Cultivated Plants - Commercial. Oil-Bearing. Sugar-Bearing. M

Abs Jour : Ref Zhur Biol., No 12, 1958, 53715

the yield in comparison with the separate application of these fertilizers because of some decrease in the germinating ability of the seeds in the field. -- A.M. Smirnov

Card 2/2

L 7827-66 EWT(1)/EWP(m)/EPF(c)/ETC/EPF(n)-2/EWG(m)/FCS(k)/EWA(1) WW
ACC NR: AP5026851 SOURCE CODE: UR/0170/65/009/004/0444/0450

AUTHOR: Ginzburg, I. P.; Krest'yaninova, N. S.

ORG: State University im. A. A. Zhdanov, Leningrad (Gosudarstvennyy universitet)

TITLE: The turbulent boundary layer on a plate in an incompressible fluid with blowing of a substance

SOURCE: Inzhenerno-fizicheskiy zhurnal, v. 9, no. 4, 1965, 444-450

TOPIC TAGS: turbulent boundary layer, heat transfer, incompressible flow, Reynolds number

ABSTRACT: The effect of blowing on surface friction and heat transfer in the case of a turbulent boundary layer has been treated previously. To solve the resulting euqations, certain supplementary assumptions were made as to the thickness of the laminar sublayer or as to the velocities at its boundary. The present article considers the effect of blowing on the parameters of the boundary layer and on friction, on the basis of the two-layer scheme of the semiempirical theory of turbulence. To confirm the validity of the limiting (boundary) laws proposed previously, and to simplify the calculations, the present article considers the case of an incompressible fluid. The article develops an approximate numerical solution of the basic equa-

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tions. The dependence of the relative friction coefficient on the blowing parameter is shown in a figure. The results calculated by the proposed scheme, with a finite Re_x number, are shown to be closer to experimental results than the results of previous work. In the limiting case when Re_x approaches infinity, the results coincide. Orig. art. has: 25 formulas, 3 figures and 1 table

SUB CODE: ME/ SUBM DATE: 18Jan65/ ORIG REF: 005/ OTH REF: 002

Card 2/2

[illegible], Yakov Naumovich: [illegible]

[illegible], Ye.S., spets. red.; [illegible], T.A., tekh.

[Installation and maintenance of automatic control and regulation devices] Montazh i obsluzhivanie priborov avtomatiki i kontrolia. Moskva, Izd-vo "Vysshaia shkola" pri Mosk. gos. ped. in-te im. V.I. Lenina, 1964. 84 p. (MIRA 17:7)

MESHCHERYAKOV, Fedor Yeliseyevich. Prinimal uchastiye SHAVR, V.M. GOGOLIN, A.A., kand.tekhn.nauk, retsenzent; OCHERETYANYY, M.A., inzh., retsenzent; KREST'YANINOVA, Ye.M., red.; MEDRISH, D.M., tekhn.red.

[Principles of refrigeration engineering] Osnovy kholodil'noi tekhniki. Moskva, Gos.izd-vo torg.lit-ry, 1960. 375 p. (MIRA 14:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut kholodil'noy promyshlennosti (for Gogolin).

(Refrigeration and refrigerating machinery)

KOVALENKO, Mikhail Sergeyevich, prof., doktor tekhn. nauk;
KIVENKO, S.F., retsenzent; MASTAKOV, N.N., retsenzent;
KREST'YANINOVA, Ye.M., red.

[Processing of the by-products of dairy raw materials]
Pererabotka pobochnogo molochnogo syr'ia. Moskva, Pishchevaia promyshl., 1965. 122 p. (MIRA 18:3)

BONDARENKOV, Konstantin Andreyevich; BELOV, Ivan Pavlovich;
CHUPAKHIN, N.M., spets. red.; KVEST'YANINOVA, Ye.M., red.;
CHICHKOV, N.V., red.; MAMONTOVA, N.N., tekhn. red.

[Assembly of ammonia refrigerating plants]Montazh ammiachnykh kholodil'nykh ustanovok; prakticheskoe rukovodstvo. Moskva, Gostorgizdat, 1962. 199 p. (MIRA 15:10)
(Refrigeration and refrigerating machinery)

IL'IN, Ye.V.; [illegible], Yevgeniya Viktorovna. [illegible], Yakov Naumovich. Spravochnoye rukovodstvo SHRENKOV, A.K.; KAPLAN, L.G.; LIKHACHEVA, N.V., kand. tekhn. nauk, retsenzent; RUVINSHTEYN, P.I., retsenzent; KANTOROVICH, V.I., retsenzent; KRESTYANINOVA, Ye.M., red.

[Refrigerating machinery and plants] Kholodil'nye mashiny i ustanovki. Moskva, Pishchevaia promyshlennost', 1966. 551 p. (MIRA 19:1)

S/120/62/000/001/051/061
E032/E314

24.7100

AUTHORS: Krest'yankin, V.D., Novikov, V.I. and Ostroumov, A.G.

TITLE: A cryostat for the study of the anisotropy of the galvanometric properties of crystals

PERIODICAL: Pribory i tekhnika eksperimenta, no. 1, 1962, 194 - 195

TEXT: The authors describe a cryostat which has been used to investigate the anisotropy of galvanometric properties of Bi_2Te_3 in the temperature range 4.2 - 300 °K. The device is shown in the figure. The specimen under investigation 1 is placed in a cylindrical thick-walled copper container 2, which carries three constantan wire heaters and a thermocouple. The main heater 3 is used to maintain the average temperature of the copper container. The other two heaters are independent of each other and are used to control the vertical temperature gradient. The copper container and the hermetic screen 4 are rigidly attached to the cap 5 by means of two coaxial thin-walled German-silver tubes forming a single hermetically-sealed

Card 1/3

A cryostat ....

double-walled container. The heat-transfer between the copper container and the cooling liquid (liquid He, liquid N) in the dewar 6 is regulated by adjusting the pumping speed in the space between the copper container and the screen. In order to ensure good thermal contact between the specimen and the liquid He, the cryostat is filled with gaseous He through a leak valve. The remaining components in the figure are as follows: 7 - vacuum tube; 8 - current leads; 9 - specimen-raising device; 10 - Wilson seal; 11 - graduated circle used to measure the angle of rotation of the specimen about the vertical axis; 12 - textolite specimen base; 13 - specimen contact block; 14 - lever used to rotate the specimen; 15 and 16 - vacuum seals; 17 - electrical contacts; 18 - siphon for removing liquid nitrogen which is used to precool the dewar prior to introduction of the liquid helium. The device has the following advantages: 1) temperature can be determined to within 0.1 °K; 2) it is possible to measure the angle between the current in a given crystallographic direction and the mutually perpendicular directions of the magnetic field and the temperature gradient;

A cryostat ....

3) the specimens can be easily and rapidly replaced without demounting the apparatus, and 4) the magnitude and sign of the vertical temperature gradient at the specimen can be adjusted. There is 1 figure.

ASSOCIATION: Institut poluprovodnikov AN SSSR
(

SUBMITTED: June 17, 1961

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Card 3/4

KREST'YANNIKOVA, T.

Training workshops. Prom.koop. 13 no.2:26-27 F '59.
(MIRA 12:4)

1. Starshiy instruktor po podgotovke kadrov oblpromsoveta, g. Stalingrad.
(Stalingrad--Clothing industry)

KREST'YANNIKOVA, T.M.

New tillage methods in Kirghizistan. Zemledelie 6 no.7:26-29 Jl '58.
(Kirghizistan--Tillage) (MIRA 11:6)

KREST'YANOV, M. Ye.

USSR/Electricity - Literature Oct 51
Traction, Electric

"Comment on Ye. V. Chebotarev's Review of K. G. Markvardt's Book 'Power Supply of Electrified Railroads,'" M. Ye. Krest'yanov, Cand Tech Sci, Moscow Electromech Inst of Transport Engineers imeni Dzerzhinskiy

"Elektrichestvo" No 10, pp 92-95

Chebotarev had reviewed subject book unfavorably ("Elektrichestvo" No 7, 1950). His review was concurred in by a conference of elec. engineering chairs of the Power Eng Faculty,

201T52

USSR/Electricity - Literature (Contd) Oct 51

Leningrad Inst of Railway Transport Engineers imeni Obraztsov. However, Krest'yanov reviews the book favorably. Editors of "Elektrichestvo" recommend that the book be discussed further at chairs of the proper higher technical schools and at a unified conference under the jurisdiction of the Main Adm of Educational Institutions, Ministry of Transp.

201T52

KREST'YANOV, M.Ye., dotsent, kandidat tekhnicheskikh nauk; FRAYFEL'D, A.V., dotsent, kandidat tekhnicheskikh nauk.

Some problems in systematizing unit norms of electric power consumption used in electric traction systems. Trudy MEMIIT no.63:65-84 '53. (Electric railroads) (MLRA 7:12)

FRAYVEL'D, A.V., dotsent, kandidat tekhnicheskikh nauk; KREST'YANOV, M.Ye., dotsent, kandidat tekhnicheskikh nauk.

Diagram of an automatic parallel connection of the contact network for double-track electric railroads. Trudy MEMIIT no.63:85-94 '53. (Electric railroads--Wires and wiring) (MLRA 7:12)

KREST'YANOV, M.Ye., dotsent, kandidat tekhnicheskikh nauk; MARKVARDT, G.G., dotsent, kandidat tekhnicheskikh nauk.

Calculating maximum loads for d.c. feeders of subway substations. Trudy MIIT no.90/13:162-180 '56. (MLRA 10:4)
(Electric railroads--Substations)

ZAKHARCHENKO, D.D,dotsent, kandidat tekhnicheskikh nauk; ISAYEV, I.P., dotsent, kandidat tekhnicheskikh nauk; KALININ, V.K.,inzhener; KREST'YANOV, M.Ye.,dotsent, kandidat tekhnicheskikh nauk; LAKSHTOVSKIY, I.A.,dotsent, kandidat tekhnicheskikh nauk; MARKVARDT, K.G.,professor, doktor tekhnicheskikh nauk; MEDEL', V.B., professor, doktor tekhnicheskikh nauk; MIRONOV, K.A.,inzhener; MIKHAYLOV, N.M.,dotsent, kandidat tekhnicheskikh nauk; NAKHODKIN, M.D., dotsent, kandidat tekhnicheskikh nauk; OZEMBLOVSKIY, Ch.S., inzhener; OSIPOV, S.I.,inzhener; ROMASHKOV, S.G.,inzhener; SOKOLOV, L.S.,inzhener; FAMINSKIY, G.V.,kandidat tekhnicheskikh nauk; SHATSILLO, A.A.,inzhener; SHLYAKHTO, P.N.,dotsent, kandidat tekhnicheskikh nauk; BOVE, Ye.G.,kandidat tekhnicheskikh nauk, retsenzent; PERTSOVSKIY, L.M.,inzhener, retsenzent; ALEKSEYEV, A.Ye.,professor, doktor tekhnicheskikh nauk, retsenzent; BATALOV, N.M.,inzhener, retsenzent; VINBERG, B.N.,inzhener, retsenzent; GRACHEVA, L.O., kandidat tekhnicheskikh nauk, retsenzent; YEVDOKIMOV, A.M., inzhener, retsenzent; KALININ, S.S.,inzhener, retsenzent; TRAKHTMAN, L.M.,kandidat tekhnicheskikh nauk,retsenzent; PYLENKOV, A.P.,inzhener, retsenzent; GOKHSHTEIN, B.Ya.,kandidat tekhnicheskikh nauk, retsenzent; IL'IN, I.P.,inzhener, retsenzent; NAKHODKIN, M.D.,dotsent, kandidat tekhnicheskikh nauk, retsenzent; TISHCHENKO, A.I.,otvetstvennyy redaktor; BERNSHEVICH, I.I., kandidat tekhnicheskikh nauk, redaktor; ZOROKHOVICH, A.Ye.,dotsent kandidat tekhnicheskikh nauk, redaktor; LUTSENKO, Ye.G.,inzhener, redaktor; ROGOZHIN, A.P.,inzhener, redaktor; SIDOROV, N.I., inzhener, redaktor; VERINA, G.P.,tekhnicheskiy redaktor

(Continued on next card)

ZAKHARCHENKO, D.D.---(continued) Card 2.

[Technical manual for railroad workers] Tekhnicheskii spravochnik zheleznodorozhnika. Red. kollegiia R.G. Granovskii i dr. Moskva, Gos. transp. zhel-dor. izd-vo. Vol. 9.[Electric railroad rolling stock] Elektropodvizhnoi sostav zheleznykh dorog. Otv. red. toma A.I. Tishchenko. 1957. 652 p. (MLRA 10:4)

1. Chlen-korrespondent Akademii nauk SSSR. (for Alekseyev)
(Electric railroads--Rolling stock)

MARKVARDT, Konstantin Gustavovich, prof., doktor tekhn.nauk; KREST'YANOV, M.Ya., dotsent, kand.tekhn.nauk, red.; KHITROV, P.A., tekhn.red.

[Power supply for electric railroads] Energosnabzhenie elektricheskikh zheleznykh dorog. Izd. 2., perer. i dop. Moskva, Gos. transp. zhel-dor. izd-vo, 1958. 287 p. (MIRA 12:2)
(Electric railroads)

KREST'YANOV, M. Ye.

AUTHOR: Sergeyev, A. S., Docent 105-58-4-30/37

TITLE: Dissertations (Dissertatsii)

PERIODICAL: Elektrichestvo, 1958, Nr 4, pp. 89 - 90 (USSR)

ABSTRACT: For the Degree of a Candidate of Technical Sciences, 1948 - 1954.
At the Moscow Electromechanical Institute of Railroad Traffic Engineers (Moskovskiy elektromekhanicheskiy institut inzhenerov zheleznodorozhnogo transporta).
M. M. Lomonosov, on April 28, 1948:"Method for the Determination of Soil Parameters in the Pylon Construction types of a Contact Network". Official opponents were: Doctor of Techn. Sciences Professor V. B. Medel' and Candidate of Technical Sciences I. I. Vlasov.
M. Ye. Krest'yanov, on June 2, 1948: "Analysis of the Problem ~~on the Selection of~~ the Most Favorable Line Cross Section in the Contact Network". Official opponents were: Doctor of Technical Sciences Professor M. A. Petrov, Engineer K. S. Sal'nikov and Candidate of Economic Sciences Docent A. L. Lur'ye.

Card 1/4

Dissertations

105-58-4-30/37

V. V. Matyashevich, on June 23, 1948: "Influence of Traffic Organization on the Load of Substations and the Power Loss in the Contact Network". Official opponents were:Doctor of the Technical Sciences V. B. Medel', Engineer L. I. Gruber and Engineer L. M. Pertsovskiy.

G. V. Fominskiy,on June 23, 1948: "Improvement of the Characteristic of the Electrolocomotives ВП-22 and ВЛ 22М in the Case of Parallel Operation in a System of Many Units". Official opponents were: Doctor of Technical Sciences Professor K. G. Markvardt and Candidate of Technical Sciences S. M. Serdinov.

I. I. Kanter, on October 26, 1949: "Self-Exciting Threephase Invertors(Converter)". Official opponents were: Doctor of Technical Sciences M. A. Chernyshev and Candidate of Technical Sciences Docent G. G. Markvardt.

N. V. Lorents,on March 29, 1950: " Investigation of the Transition Processes in Traction Motors of D. C. Electrolocomotives". Official opponents were: Doctor of Technical Sciences Professor N. V. Gorokhov and Candidate of Technical Sciences P. M. Shlyakhto.

Card 2/4

Dissertations

105-58-4-30/37

I. I. Beneshevich, on June 28, 1950: " Influence of the Parameters and the Mode of Operation in Electric Railroads With Battery Car Transport on the Principal Structure of Automation Devices". Official opponents were: Doctor of Technical Sciences Professor V. B. Medel' and Engineer L. M. Pertsovskiy.

Ye. G. Gnilosyrev, on February 26, 1951: " Productivity and Capacity Analysis of Fuel- and Electric-Railroad Stoves". Official opponents were: Doctor of Technical Sciences P. K. Konakov and Doctor of Technical Sciences Professor M. V. Gorokhov.

V. A. Shilovskiy, on June 25, 1952: " Investigation of the Magnetic System of Traction Motors of Battery Cars (Section C^P)". Official opponents were: Professor V. B. Medel' and Candidate of Technical Sciences Docent P. M. Shlyakhto.

M. S. Pomiluyko, on May 27, 1953: " Investigation of Electromagnetic Phenomena in the D.C. Traction Motor for the Purpose Extending the Control Properties and for Determining the Possibility of a Voltage Increase". Official opponents were: Doctor of Technical Sciences Professor Ye. M. Mitusov

Card 3/4

Dissertations

105-58-4-38/37

and Doctor of Technical Sciences Professor K. G. Markvardt, V. N. Pupynin, in January 1954: " Protection of the Contact Network of Electric Railroads Against Short-Circuit Currents". Official opponents were: Doctor of Technical Sciences M. A. Chernyshev and Candidate of Technical Sciences Docent I. Ya. Ryukkovskiy.

AVAILABLE: Library of Congress

1. Electrical engineering-Reports

Card 4/4

KREST'YANOV, M.Ye., dotsent, kand.tekhn.nauk

Approximation method for determining efficient cross-sections of contact network wires used in operative lines. Trudy MIIT no.104:138-150 '59. (MIRA 12:9)
(Electric railroads--Wires and wiring)

MARKVARDT, K.G., doktor tekhn.nauk; KREST'YANOV, M.Ye., kand.tekhn.nauk

Use of mathematical statistics methods for calculating the distribution of trains in a 24-hour period. Trudy MIIT no.144:32-37 '62. (MIRA 15:10)

(Electric) (Railroads--Traffic)

BESKOV, B.A.; GERONIMUS, B.Ye.; DAVYDOV, V.N.; KREST'YANOV, M.Ye.; MARKVARDT, G.G.; MININ, G.A.; Prinimal uchastiye TAMAZOV, A.I.; VAYNBLAT, E.G., inzh., retsenzent; KRUGLYAKOV, F.Ye., inzh., retsenzent; KUCHMA, K.G., kand. tekhn.nauk, retsenzent; LOMAZOV, D.V., kand. tekhn. nauk, retsenzent; SLUTSKIY, Z.M., inzh., retsenzent; FRADKIN, I.S., inzh., retsenzent; YUSHKOV, P.K., inzh., retsenzent; PERTSOVSKIY, L.M., inzh., red.; USENKO, L.A., tekhn. red.

[Design of electric railroad power supply systems] Proektirovanie sistem energosnabzheniia elektricheskikh zheleznykh dorog. [By] B.A.Beskov i dr. Moskva, Transzheldorizdat, 1963. 470 p. (MIRA 17:2)

KREST'YANOV, M.Ye., kand.tekhn.nauk; PRIVEZENTSEV, N.N., inzh.

Network analyzer of the power dispatcher of d.c. electrified railroads. Trudy MIIT no.199:4-15 '65.

(MIRA 18:8)

KREST'YASHIN, L.I.

Fruiting characteristics of the Siberian pine stands in the Eastern Sayan Mountains. Bot. zhur. 50 no.3:409-414 Mr '65. (MIRA 18:5)

1. Leningradskaya lesotekhnicheskaya akademiya imeni Kirova.

KREST'YASHIN, S.I., arkhitektor

Designing noise-abatement zones for traffic routes. Izv.ASiA no.3:69-74 '62. (MIRA 15:11)
(Noise control)

CA KRESTYNOVA, O.

17

Morphine polarography. J. Nosek and O. Krestynova (Palacz Univ., Olomouc, Czech.). *Časopis Československých Lékárnictva* 63, 49-51(1950).—Morphine (I) as the 2-nitroso deriv. can be detd. rapidly by polarography. The nitro deriv. is not suitable. The method is useful in analyzing crude materials during industrial purification of I and for other alkaloids contg. the morphine group. James L. Jezl

CHUKLIN, S.G., doktor tekhn. nauk, prof.; NIKUL'SHIN, D.G., kand. tekhn. nauk; CHUMAK, I.G., kand. tekhn. nauk; KREST'YANINOVA, Ye.M., red.

[Examples of the calculations for refrigerating units] Primery raschetov kholodil'nykh ustanovok. Moskva, Pishchevaia promyshlennost', 1964. 380 p. (MIRA 18:3)

KRSJTYNOVÁ, O.

24(2,4) PHASE I BOOK EXPLOITATION CZECH/2433

International Polarographic Congress. 1st, Prague, 1951

Sborník I. Mezinárodního polarografického sjezdu, Díl 3: Hlavní referáty přednesené na sjezdu...Vol 3: Reviews Read at the Congress. Praha, Přírodovědecké vyd-ví [1952]
774 p. 2,000 copies printed.

Resp. Ed.: Jiří Koryta, Doctor; Chief Ed. of Publishing House: Milan Skalník, Doctor; Tech. Ed.: Oldřich Dunda.

PURPOSE: The book is intended for chemists, chemical engineers, and physicists.

COVERAGE: The book is a collection of reviews and original papers read at the International Polarographic Congress held in Prague in 1951. Uses of polarography in organic and inorganic analysis, biochemistry, medicine, and industrial chemistry are discussed. In the section, Reviews Read at the Congress, Russian and either German or English translations of each review are presented. In the section, Original Papers Read at the Congress, only those translations in Russian, German, and English which have not been published in Volume I are presented. The following scientists participated in the opening of the Congress: Professor Viktor Kemula, Dean of the Faculty of Sciences, Warsaw; Doctor Jaroslav Dolanský, Minister of Planning; Professor Jaroslav Heyrovský, Chairman of the Congress; and Professor Jaroslav Fukásko, Chairman of the Center for Scientific Research and Technical Development. References follow each paper.

[Russian Translation]
[English Translation]

Knobloch, F. — Hydrolytic Decomposition of the Oxidation Product of 2-methyl-1,4-aminonaphthol (Vitamin K5) 601 603

Bitter, B. Polarography of Ascaridole 607

Kleinzeller, A., and F. Fencl — Muscle Acid in Bacteria 615
[Russian Translation]
[English Translation] 617 620

Nosek, J., O. Krstýnová, and R. Pokivinský. Polarography of Steroids 622
[Russian Translation]
[English Translation] 624

Santavý, F. Polarography of Cardiac Poisons With Five-or Six-member Lactone Rings 633 650

Card 10/14 632

KRESTYNOVA-TELUPILOVA, O.

(4)

Chemical Abst.
Vol. 48
Apr. 10, 1954
Electrochemistry

Polarography of Terramycin. O. Krestynová-Telupilová, V. Macák, and F. Santavý (Palacky Univ., Olomouc, Czech.). *Chem. Listy* 47, 630-8(1953).—The polarographic behavior of Terramycin compared with that of colchicine and cinchotoxine suggests a 4-electron reduction.
M. Hudlický

KRESTYNOVA-TELUPILOVA, O

KRESTYNOVA-TELUPILOVA, O.; MACAK, V.; SANTAVY, F.

Polarography of terramycin [with summary in German]. Sbor.Chekh.khim. rab. 19 no.2:234-237 Ap '54. (MLRA 7:6)

1. Khimicheskiy institut meditsinskogo fakul'teta universiteta im. Palatskogo Olomouts. (Terramycin) (Polarograph and polarography)

KRESTYNOVA, Telupilova, O

Chemical Abst.
Vol. 48 No. 9
May 10, 1954
Biological Chemistry

(3)

Micropolarographic determination of chloride ions in biological liquids. O. Telupilová-Krestýnová and Pr. Santavý (Palacký Univ., Olomouc, Czech.). *Mikrochim. Acta* 1954, 64-71 (in German).—A comparison of all known micro methods for detg. Cl^- in biol. fluids showed that the original procedure of direct detn. was most advantageous for serial analyses in both clinical and scientific labs. Its value is also established by 8-years experience in actual practice.

W. T. Hall